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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10593591 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>ZENPO ET AL. |
|  | <b>Examiner</b><br><br>SEYED M MALEKZADEH      | <b>Art Unit</b><br><br>1791  |

| SEARCHED |                                |            |          |
|----------|--------------------------------|------------|----------|
| Class    | Subclass                       | Date       | Examiner |
| 425      | 4R, 140, 542, 562              | 09/14/2007 | SMM      |
| 425      | 817R, 449, 436R, 444, 169, 812 | 04/08/2008 | SMM      |
| 425      | 546, 556, 450.1, 451, 451.2    | 10/28/2008 | SMM      |

| SEARCH NOTES   |            |          |
|--|------------|----------|
| Search Notes   | Date       | Examiner |
| Use PALM intranet to search invenotr's name  | 09/14/2007 | SMM      |
| Examiner search and reviewed prior arts submitted by the applicants  | 09/14/2007 | SMM      |
| Examiner used text search through EAST with key words such as "sensor", "moisture", and "viscosity" to find related references for the dependent claims. | 04/08/2008 | SMM      |
| Updated previous search  | 04/08/2008 | SMM      |
| Updated previous search  | 10/28/2008 | SMM      |
| Conducted backward/forward search on pertinent prior arts  | 10/28/2008 | SMM      |
| Examiner confirmed the allowability of the claimed subject matter with the primary examiner "James Mackey"   | 10/28/2008 | SMM      |

| INTERFERENCE SEARCH |  |            |          |
|---------------------|--|------------|----------|
| Class               | Subclass   | Date       | Examiner |
| 425                 | 4R, 140, 169, 444, 450.1, 542, 546, 556, 562, 817R | 10/30/2008 | SMM      |
| 425                 | PGPup text search (see search printout)            | 10/30/2008 | SMM      |

/S. M. M./  
Examiner, Art Unit 1791